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X Miniature Mill Saws Boards from Six-Inch Logs

A working miniature model of a full-sized sawmill, constructed for training purposes, was demonstrated here recently before a group of Washington members of the Forest Service, U. S. Department of Agriculture.

The miniature mill, complete in every detail, is operated by a single one-horsepower electric motor and turns out rough lumber from logs up to 6 inches in diameter.

Small enough to be stored in the trunk of an automobile, the contrivance can be set up and placed in operation in an ordinary room, equipped with an electric floor plug, in less than an hour, and can be dismantled in about 16 minutes.

When a log is placed on the moving carriage of the machine, metal "dogs" no bigger than your little finger bite into the wood and hold the round surface while the saw slices off slabs and boards of any size desired with the ease and accuracy of the mill's big brothers in the forest. The metal "dogs" are exact replicas of the giant arms that hold and turn mammoth logs in west coast sawmills. The log carriage is controlled by a lever smaller than a lead pencil.

As a training aid, the model mill is expected to be of great value in teaching young foresters and prospective mill operators the intricacies of sawmill operation. It can be used to drive home to them mill nomenclature and layout, adjustment, safety, and certain phases of "sawing for grade."

Reports from Philadelphia, headquarters for Forest Service Region 7 where the miniature mill was developed, are that the machine has attracted widespread interest among State foresters, small mill operators and others concerned with forestry and woods operations. Foresters have found it valuable also in demonstrating the advantages of better milling practices and a help in "selling" forestry and conservation.

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THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and change. It begins with the first settlers, who came to the Americas in search of a new life. They found a land of opportunity, but also one of hardship. The early years were marked by struggle and sacrifice, as the settlers fought to establish a new society. Over time, the United States grew from a small colony into a powerful nation. It faced many challenges, including war and economic hardship, but it always emerged stronger and more united. The story of the United States is a testament to the power of the human spirit and the ability of a people to overcome adversity. It is a story of hope and dreams, of a land where everyone has a chance to make their own destiny.

The early years of the United States were marked by struggle and sacrifice. The settlers fought to establish a new society, and they faced many hardships. They were often outnumbered and outgunned by the Native Americans, and they had to learn to live in a harsh and unfamiliar environment. Despite these challenges, the settlers persevered, and they eventually established a strong and independent nation. The story of the United States is a testament to the power of the human spirit and the ability of a people to overcome adversity.

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The story of the United States is a testament to the power of the human spirit and the ability of a people to overcome adversity. It is a story of hope and dreams, of a land where everyone has a chance to make their own destiny. The United States has come a long way since its founding, and it continues to grow and change. But no matter what the future holds, the spirit of the United States will always be a source of inspiration and strength.



